

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------------------------|---|------------------|---------|------------------|
| L1 | 15 | protonex-\$.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 14:40 |
| L2 | 2 | "6475656".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 14:51 |
| L3 | 1 | 2004-653507.NRAN. | DERWENT | OR | OFF | 2005/01/31 14:43 |
| L4 | 1 | 2004-653507.NRAN. | DERWENT | OR | OFF | 2005/01/31 14:43 |
| L5 | 2 | "5200278".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 14:55 |
| L6 | 1028 | manifold\$1 near1 external\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:41 |
| L7 | 9 | 6 near3 (integrated encapsulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:13 |
| L8 | 0 | "54807387".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:13 |
| L9 | 2 | "5480738".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:14 |
| L10 | 2 | "6692859" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:14 |
| L11 | 2 | "6608436".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:14 |

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| L12 | 59 | 6 near5 seal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:15 |
| L13 | 58 | 12 not 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:15 |
| L14 | 5 | ("3607418" "4774154" "5264299" "6165634" "6451469").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 15:20 |
| L15 | 22 | ("4291107" "4476196" "4476197" "4476198" "4499663" "4666798" "4761349" "4833049" "4997726" "5021307" "5164342" "5169506").PN. OR ("5453331").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 15:23 |
| L16 | 13 | ("4476196" "4910100").PN. OR ("4997726").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 15:24 |
| L17 | 46 | ("3558360" "3617385" "3754995" "3834943" "3905775" "4142024" "4195119" "4248941" "4317867" "4324844").PN. OR ("4476197").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 15:24 |
| L18 | 6866 | manifold\$1 near1 internal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:44 |
| L19 | 227012 | manifold\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:44 |
| L20 | 5081866 | "19" not 18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 15:44 |
| L21 | 220146 | 19 not 18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:03 |
| L22 | 11398 | 429/12-45.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:04 |

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| L23 | 218082 | 21 not 22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:04 |
| L24 | 2064 | 21 not 23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:04 |
| L25 | 40 | 24 and (manifold\$3 near2 (encapsulat\$4 integrat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:30 |
| L26 | 30 | ht adj (pem pemfc) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:35 |
| L27 | 541159 | high adj temperature | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:35 |
| L28 | 28 | 27 adj (pem pemfc) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:35 |
| L29 | 19 | 28 not 26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:45 |
| L30 | 2 | "4476197".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:45 |
| L31 | 1 | 30 and seal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:46 |
| L32 | 1 | 30 and insulat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:46 |

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| L33 | 46 | ("3558360" "3617385" "3754995" "3834943" "3905775" "4142024" "4195119" "4248941" "4317867" "4324844").PN. OR ("4476197").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 16:49 |
| L34 | 2989 | (external\$4 outer outside peripheral) near1 manifold\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:50 |
| L35 | 167 | 34 near7 seal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:55 |
| L36 | 2 | "6057054".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 16:55 |
| L37 | 9 | ("4588661" "4786568" "4929517" "4997732" "5096786" "5187025" "5219675" "5240786" "5523175"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 16:55 |
| L38 | 15 | ("4588661" "4786568" "4929517" "4997732" "5096786" "5176966" "5187025" "5219674" "5240786" "5262249" "5264299" "5284718" "5464700" "5523175" "6057054"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 17:04 |
| L39 | 5567 | h01m008\$.ipc. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 17:04 |
| L40 | 957 | h01m008/02.ipc. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 17:04 |
| L41 | 19986 | h01m008/02.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:04 |
| L42 | 21438 | h01m008/04.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:05 |
| L43 | 12114 | h01m008/10.ipc. | EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:05 |

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| L44 | 39778 | 41 42 43] | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:05 |
| L45 | 41995 | 41 42 43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:05 |
| L46 | 15997 | manifold\$4 near2 (inner interior internal\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:05 |
| L47 | 227012 | manifold\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:06 |
| L48 | 41633 | 45 not 46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:06 |
| L49 | 2339 | 48 and 47 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:06 |
| L50 | 338 | 49 and (manifold\$4 near5 seal\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:06 |
| L51 | 182 | 49 and (manifold\$4 near5 seal\$4) | EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:11 |
| L52 | 25 | "5750281" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:12 |
| L53 | 103176 | fluid\$3 near2 (seal\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:13 |
| L54 | 726 | 53 near7 manifold\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:14 |

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| L55 | 684 | 54 not (fuel adj (cell\$1 stack\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:14 |
| L56 | 42 | 54 not 55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:18 |
| L57 | 224547 | mea meas! (membrane adj electrode adj assembl\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:20 |
| L58 | 210353 | 57 not stack\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:20 |
| L59 | 14194 | 57 not 58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:21 |
| L60 | 123 | 59 and ((whole wholly entire entirely all) near4 seal\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:24 |
| L61 | 103 | 60 and (outer external\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:26 |
| L62 | 7446 | manifold\$1 near2 (external\$4 outer outside peripher\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:51 |
| L63 | 10 | "599795" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:32 |
| L64 | 6927 | 62 not (fuel adj (cell\$1 stack\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:36 |

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| L65 | 7445 | 62 not 63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:37 |
| L66 | 519 | 62 not 64 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:37 |
| L67 | 259 | 66 not (pem "proton exchange" "ion exchange" mea\$1 "membrane electrode") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:37 |
| L68 | 260 | 66 not 67 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:46 |
| L69 | 2 | "6720101".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:46 |
| L70 | 1 | 69 and seal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:46 |
| L71 | 21 | ("4169917" "4276355" "4430390" "4444851" "4508793" "4623596" "4755272" "5108849" "5230966" "5252410" "5378247" "5470671" "5484666" "5514487" "5532073" "5541015" "5549983" "5686200" "5858569" "6210823" "6428921"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 17:50 |
| L72 | 230872 | manifold\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:51 |
| L73 | 7186 | 62 not 68 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:51 |

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| L74 | 1 | 73 and (manifold\$4 near4 (coat\$4 near2 seal\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:54 |
| L75 | 68573 | fuel adj (cell\$1 stack\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:54 |
| L76 | 2 | 75 near7 (shrink adj wrap\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 18:04 |
| L77 | 2 | "20030096153" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 17:57 |
| L78 | 1 | 77 and external\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/01/31 18:01 |
| L79 | 5 | 62 near7 ((coat\$4 seal\$4) near3 (thermoplastic\$1 olefin\$1 polyolefin\$1 polyurethane\$1 plastomer\$7 pp polypropylene polyethylene pe ptfe teflon polytetrafluoroethylene polystyrene epoxy urethane silicone fluorosilicone)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/31 18:07 |
| L80 | 126 | manifold\$1 near7 ((coat\$4 seal\$4) near3 (thermoplastic\$1 olefin\$1 polyolefin\$1 polyurethane\$1 plastomer\$7 pp polypropylene polyethylene pe ptfe teflon polytetrafluoroethylene polystyrene epoxy urethane silicone fluorosilicone)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/31 18:19 |
| L81 | 4 | US-6264807-.DID. OR US-4761349-.DID. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/31 18:13 |
| L82 | 3 | ("20020185266" "4761349" "6264807").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 18:14 |
| L83 | 24 | ("4276355" "4476196" "4476197" "4476198" "4510212").PN. OR ("4761349").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 18:17 |

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| L84 | 92195 | "204"/\$.ccls. "205"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 18:18 |
| L85 | 89229 | 84 not manifold\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 18:18 |
| L86 | 2966 | 84 not 85 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/31 18:19 |
| L87 | 2 | 86 and (manifold\$1 near10 ((coat\$4 lacquer) near3 (sealing sealant thermoplastic\$1 olefin\$1 polyolefin\$1 polyurethane\$1 plastomer\$7 pp polypropylene polyethylene pe ptfe teflon polytetrafluoroethylene polystyrene epoxy urethane silicone fluorosilicone))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/31 18:22 |
| L88 | 33 | 86 and (manifold\$1 near2 (integra\$5 encapsulat\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/31 18:23 |
| L89 | 39 | (fuel adj (cell\$1 stack\$4)) near3 (encapsulat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/31 18:27 |
| L90 | 78615 | "204"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/31 18:27 |
| L91 | 236 | 90 and ((electrolysis electrolyz\$4) near2 (device apparatus)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/31 18:28 |
| L92 | 29 | 91 and manifold\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/31 18:35 |
| L93 | 17 | "855018" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/01/31 18:35 |

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| L94 | 21 | (US-20040151975-\$ or US-20010055708-\$ or US-20030224237-\$ or US-20040048136-\$).did. or (US-6475656-\$ or US-6777126-\$ or US-6689504-\$ or US-6660422-\$ or US-6423439-\$ or US-5453331-\$ or US-4997726-\$ or US-4476197-\$ or US-6372373-\$ or US-5342706-\$ or US-6720101-\$ or US-5750281-\$ or US-5514487-\$).did. or (JP-05335028-\$).did. or (WO-9833225-\$ or EP-951086-\$ or US-5750281-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2005/01/31 18:40 |
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